

Concluded
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an output terminal carrying an output signal responsive to a voltage at the common circuit node, a first state of the output signal corresponding to a first condition wherein the further transistor acts to limit a sum of the reference current magnitudes, and a second state of the output signal corresponding to a second condition wherein the selectable threshold point circuit acts to limit the switch current magnitude, whereby the voltage detector detects a sufficiency of the supply voltage.

REMARKS

Claim 36 has been cancelled. Claim 48 has been added to more clearly define the invention. It is respectfully submitted that no new matter has been introduced by way of this change and reconsideration is requested.

The Examiner has required an election of one species from the two species he identifies as Species 1 (Figures 1-2) and Species 2 (Figure 4).

Species 1 is hereby elected **with traverse**. It is respectfully submitted that, notwithstanding the amendment and in view of the amendment, there is not now any reasonable need or basis for the restriction requirement.

SUMMARY

In view of the amendment and election of species, withdrawal of the restriction requirement and examination on the merits is respectfully requested.

If the Examiner believes it could serve to advance the case, then the examiner is invited to call the undersigned at 415-217-6000 (PST).

EXPRESS MAIL LABEL NO:

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Respectfully submitted,



N.R.H. Black

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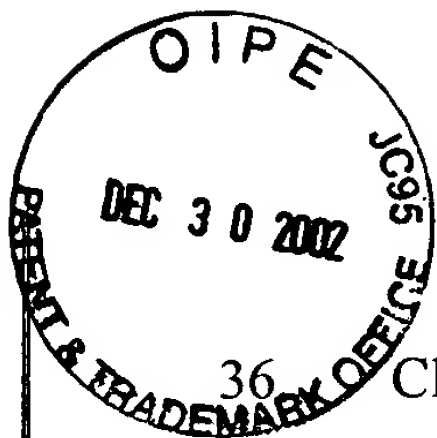
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36 Claim 36 has been cancelled.

48. (New) A voltage detector energized by a supply voltage, the detector

comprising:

a plurality of control signal terminals receiving a plurality of control signals;

a selectable threshold point circuit comprising a plurality of transistors

connected to a common circuit node, each transistor of the plurality of transistors

operable to conduct a respective reference current magnitude and to be controlled by a respective control signal;

a further transistor having a current terminal connected to the common circuit node and further having a control terminal controlled by the supply voltage, the further transistor operable to conduct a switch current having a switch current magnitude responsive to a magnitude of the supply voltage; and

an output terminal carrying an output signal responsive to a voltage at the common circuit node, a first state of the output signal corresponding to a first condition wherein the further transistor acts to limit a sum of the reference current magnitudes, and a second state of the output signal corresponding to a second condition wherein the selectable threshold point circuit acts to limit the switch current magnitude, whereby the voltage detector detects a sufficiency of the supply voltage.

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